


First Named Inventor	: Robert W.Lamberton et al.	Group Art Unit: Examiner:
Appln. No.	:	
Filed	: Herewith	
Title	: NANOCLOCKED MAGNETIC MATERIALS FOR HIGH MOMENT WRITE POLE APPLICATIONS	
Docket No.	: I69.12-0613	

INFORMATION DISCLOSURE STATEMENT

Mail Stop PATENT APPLICATIONS
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I CERTIFY THAT THIS PAPER IS BEING SENT BY EXPRESS MAIL, TO THE ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231, THIS 16 DAY OF

October, 2003.

PATENT ATTORNEY

Sir:

The enclosed PTO Form-1449 lists patents and publications submitted pursuant to 37 C.F.R. 1.97. Copies of the patents or publications are enclosed as necessary.

This application relies, under 35 U.S.C. 120, on the earlier filing date of prior Application No. __, filed on __. The following references, listed on the enclosed PTO Form 1449 were submitted to and/or cited by the Office in the prior application; therefore, under 37 C.F.R. 1.98(d), copies are not required to be provided herewith:

Submitted herewith is a copy (with English translation as appropriate) of an Official Search Report of the __ Patent Office in counterpart foreign Application No. __ filed __.

The following foreign language documents and English language documents are believed to be equivalent or substantially equivalent:

FOREIGN LANGUAGE

ENGLISH LANGUAGE

TIME OF FILING

The Information Disclosure Statement is being filed:

1. X with the application or within three months of the filing date of a national application (other than a continued prosecution application under 37 C.F.R. 1.53(d)) or date of entry into the national stage of an international application or, to the best of the undersigned's knowledge, before the mailing date of a first Office action on the merits or a first office action after the filing of a request for continued examination under 37 C.F.R. 1.114, whichever event occurs last. In accordance with 37 C.F.R.

1.97(b), no certification or fee is required.

2. ☐ after the time period specified in paragraph 1 above, but, to the best of the undersigned's knowledge, before the mailing date of a final action under 37 C.F.R. 1.113 or notice of allowance under 37 C.F.R. 1.311, or an action that otherwise closes prosecution of the application. In accordance with 37 C.F.R. 1.97(c), submitted herewith is:

(check either A or B below)

- A. ☐ a statement as specified in 37 C.F.R. 1.97(e), no fee is required.
B. ☐ the fee set forth in 37 C.F.R. 1.17(p) for submission of an Information Disclosure Statement under 37 C.F.R. 1.97(c).

3. ☐ after the mailing date of either a final action under 37 C.F.R. 1.113 or a Notice of Allowance under 37 C.F.R. 1.311, whichever occurs first, but on or before payment of the issue fee. Applicant petitions for consideration of this Information Disclosure Statement pursuant to 37 C.F.R. 1.97(d)(2). Applicant submits herewith:

- A. ☐ a statement as specified in 37 C.F.R. 1.97(e); and
B. ☐ the fee set forth in 37 C.F.R. 1.17(p).

Respectfully submitted,

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FORM PTO-1449	Atty. Docket No.: I69.12-0613	Application No.:
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	First Named Inventor: Robert W. Lamberton et al.	
	Filing Date: Herewith	Group Art:

U.S. PATENT DOCUMENTS

Examiner Initials	Document No.	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents
AA	6,451,220 B1	09-17-2002	Ziolo et al.
AB			
AC			
AD			
AE			
AF			
AG			
AH			
AI			
AJ			
AK			

FOREIGN PATENT DOCUMENTS

	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Translation Yes No
AL				
AM				
AN				

EXAMINER:	DATE CONSIDERED:
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	S.H. Baker, C. Binns, K.W. Edmonds, M.J. Maher, S.C. Thornton, S. Louch, S.S. Dhesi, Enhancements in magnetic moments of exposed and Co-coated Fe nanoclusters as a function of cluster size, January 17, 2002, Pages 19-25
	AP	K.W. Edmonds, C. Binns, S.H. Baker, M.J. Maher, S.C. Thornton, O. Tjernberg, N.B. Brookes, Size dependence of the magnetic moments of exposed nanoscale iron particles; October 3, 2000, Pages 113-119
	AQ	S.H. Baker, S.C. Thornton, K.W. Edmonds, M.J. Maher, C. Norris, and C. Binns, The construction of a gas aggregation source for the preparation of size-selected nanoscale transition metal clusters, April 24, 2000, Pages 3178-3183
	AR	A.M.N. Niklasson and B. Johansson, Interface magnetism of 3d transition metals, July 22, 1998, Pages 6373-6382
	AS	S. Mirbt, O. Eriksson, and B. Johansson, Magnetic coupling in 3 d transition-metal monolayers and bilayers on bcc (100) iron, July 19, 1995, Pages 15070-15073

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.